# CLINICAL TOXICOLOGY

# Volume 44 Table of Contents

<u>VOLUME 44, NUMBER 1, 2006</u>		CASE REPORTS	
PRACTICE GUIDELINE		Pediatric Case Report of Topiramate Toxicity G. Lin, and R. Lawrence	67
Acetaminophen Poisoning: an Evidence-Based			
Consensus Guideline for Out-of-Hospital		Acute Erycibe Henryi Prain ("Ting Kung Teng")	-
Management	1	Poisoning	71
R.C. Dart, A. R. Erdman, K.R. Olson, G. Christianson,		HH. Huang, D. Hung-Tsang Yen, ML. Wu,	
A.S. Manoguerra, P.A. Chyka, E.M. Caravati, P.M. Wax, D.C. Keyes, A.D. Woolf, E.J. Scharman,		JF. Deng, CI. Huang, and CH. Lee	
L.L. Booze, and W.G. Troutman		Prolonged Clinical Effects in Modified-Release	
E.E. Booze, and W.G. Houtman		Amitriptyline Poisoning	77
ARTICLES		N. O'Connor, S. Greene, P. Dargan,	,,
		D. Wyncoll, and A. Jones	
Acute Amitraz Poisoning in Adults: Clinical Features,	10	D. Wylicoli, and M. solics	
Laboratory Findings, and Management	19	Treatment Advice on the Internet Leads	
L. Avşaroğullari, and İ. İkizceli, M. Sungur, E. Sözüer, O. Akdur and M. Yücei		to a Life-Threatening Adverse Reaction:	
O. Akdur and M. Yucei		Hypotension Associated with Niacin Overdose	81
AND THE STATE OF T		R.A. Mularski, R.E. Grazer, L. Santoni,	
A Nationwide Study of Vipera Berus Bites During		J.S. Strother, and K.E. Bizovi	
One Year—Epidemiology and Morbidity of 231 Cases	25		
C. Karlson-Stiber, H. Salmonson and H. Persson	43	A Child with Elemental Mercury Poisoning	
C. Kartson-Stiber, H. Samionson and H. Fersson		and Unusual Brain MRI Findings	85
D 4 117 411 11 161 11		P. Abbaslou and T. Zaman	
Pyrethroid Insecticides: Advances and Challenges	31		
in Biomonitoring D.L. Sudakin	31	IMAGES IN CLINICAL TOXICOLOGY	
D.L. Sudakiii		Methanol Neurotoxicity	89
Effect of Oral Calcium Disodium EDTA on Iron		M. Salzman	0)
Absorption in a Human Model of Iron Overdose	39	W. Sulzinan	
M.J. Matteucci, M. Habibe, K. Robson,	39	LETTERS TO THE EDITORS	
A.A. Baldassano, R.H. Riffenburgh,		LETTERS TO THE EDITORS	
and D.A. Tanen		A Suspicious Bathtub Death in a Suicidal Patient	
and Date Tunon		on Mirtazapine	91
A Comparison of Vasopressin and Glucagon		A. Sauvageau	
in Beta-Blocker Induced Toxicity	45		
J.S. Holger, K.M. Engebretsen, C.L. Obetz,		Successful Treatment of Acute Phenobarbital	0.0
T.L. Kleven, and C.R. Harris		Intoxication by Hemodiafiltration	93
		A. van de Plas, L. Stolk, M.A.M. Verhoeven,	
The Leiden Mutation and Activated Protein C		J.P. Kooman, and W.N.K.A. van Mook	
Resistance as Risk Factors for Disseminated			
Intravascular Coagulation in Acutely		REVIEWS	
Poisoned Patients	53	<b>Uneasy Alchemy: Citizens and Experts</b>	
M. Prazanowski, B. Kur, M. Barańska, W. Lutz,		in Louisiana's Chemical Corridor Disputes	95
B. Piłacik, and Z. Kolaciński		J. Brent	
Toxicoepidemiology in Zimbabwe: Pesticide		A Small Dose of Toxicology: The Health Effects	
Poisoning Admissions to Major Hospitals	59	of Common Chemicals	97
D. Tagwireyi, D.E. Ball, and C.F.B. Nhachi		E.J. Scharman	

### TABLE OF CONTENTS FOR VOLUME 44

VOLUME 44, NUMBER 2, 2006		Cytochrome-C Oxidase Inhibition in 26 Aluminum Phosphide Poisoned Patients	155
ARTICLES		Surjit Singh, Ashish Bhalla, Suresh K. Verma,	100
Further Evidence of the Usefulness of Acute Physiology		Amarpreet Kaur, and Kirandip Gill	
and Chronic Health Evaluation II Scoring System in Acute Paraquat Poisoning Neng-Chyan Huang, Yao-Min Hung, Shoa-Lin Lin,	99	Visual Field Defects in Epidemic Dropsy Kirti Singh, Mandeep Jot Singh, and Jaya Chander Das	159
Shue-Ren Wann, Chien-Wei Hsu, Luo-Ping Ger, Shin-Yuan Hung, Hsiao-Min Chung,		CASE REPORTS	
and Jeng-Hsien Yeh		Clinical Course and Toxicokinetic Data Following Isolated Citalopram Overdose	
Toxicoepidemiology in Zimbabwe: Admissions		in an Infant	165
Resulting from Exposure to Paraffin (Kerosene) D. Tagwireyi, D.E. Ball, and C.F.B. Nhachi	103	Lawrence N. Masullo, Michael A. Miller, S. David Baker, Sudip Bose, and Marc Levsky	
Evaluation of the Be Poison Smart!® Poison		Monitoring of Verapamil Enantiomers	
Prevention Intervention	109	Concentration in Overdose	169
Barbara J. Polivka, Marcel J. Casavant,		Jolanta Wilimowska, Wojciech Piekoszewski,	
Erika Malis, and David Baker		Ewa Krzyanowska-Kierepka, and Ewa Florek	
Formation of Methanol and Formate in Wistar		Chronic Hydroxychloroquine Use Associated	
Rats after Oral Administration of Methylated		with QT Prolongation and Refractory	4=0
Rapeseed Oil: A Fuel for Lamps	115	Ventricular Arrhythmia Chun-Yu Chen, Feng-Lin Wang, and Chih-Chuan Lin	173
Soenke Prinz, Birgit Tiefenbach, Manfred Kobow, and Gerhard Hennighausen			
		Renal Infarction During the Use of Rizatriptan and	177
<b>Evaluation of Several Clinical Scoring Tools in</b>		Zolmitriptan: Two Case Reports Jessica A. Fulton, Jason Kahn, Lewis S. Nelson,	177
<b>Organophosphate Poisoned Patients</b>	121	and Robert S. Hoffman	
Hülya Sungurtekin, Ercan Gürses, and Canan Balci		and Robert S. Hoffman	
Clinical vs. Laboratory Identification of Dunca		Hyperosmolality: Another Indication for Hemodialysis	
Clinical vs. Laboratory Identification of Drugs of Abuse in Patients Admitted for Acute Poisoning	127	Following Acute Ethylene Glycol Poisoning	181
M.A. Bjornaas, K.E. Hovda, H. Mikalsen, E. Andrew,	12/	Anthony F. Pizon and Daniel E. Brooks	
N. Rudberg, O. Ekeberg, and D. Jacobsen		Hallucinatory Fish Poisoning (Ichthyoallyeinotoxism):	
Triadelly, or Entering, and Divideoscii		Two Case Reports From the Western	
Efficacy of Spirulina Extract Plus Zinc in Patients		Mediterranean and Literature Review	185
of Chronic Arsenic Poisoning: A Randomized		Luc de Haro and Philip Pommier	100
Placebo-Controlled Study	135		
Mir Misbahuddin, AZM Maidul Islam, Salamat Khandker		Acute Occupational Poisoning By Octogen: First Case Report	189
Ifthaker-Al-Mahmud, Nazrul Islam, and Anjumanara		François Testud, Jacques Descotes, and Brigitte Le Meur	103
Seizures Associated with Intoxication and Abuse	1.42	MACES IN CLINICAL TOVICOLOGY	
of Tramadol Vesna Jovanović-Čupić, Žarko Martinović,	143	IMAGES IN CLINICAL TOXICOLOGY	
and Nada Nešić		PuffballsA Delicacy if the Timing is Right Edward P. Krenzelok	191
Interference By Venlafaxine Ingestion in the		LETTERS	
Detection of Tramadol By Liquid Chromatography Linked to Tandem Mass Spectrometry for the			
Screening of Illicit Drugs in Human Urine K. R. Allen	147	Is Acidosis Commonly Seen in Patients With Elevated Ethanol Levels? Beth Y. Ginsburg, Robert Porter, and Lewis S. Nelson	193

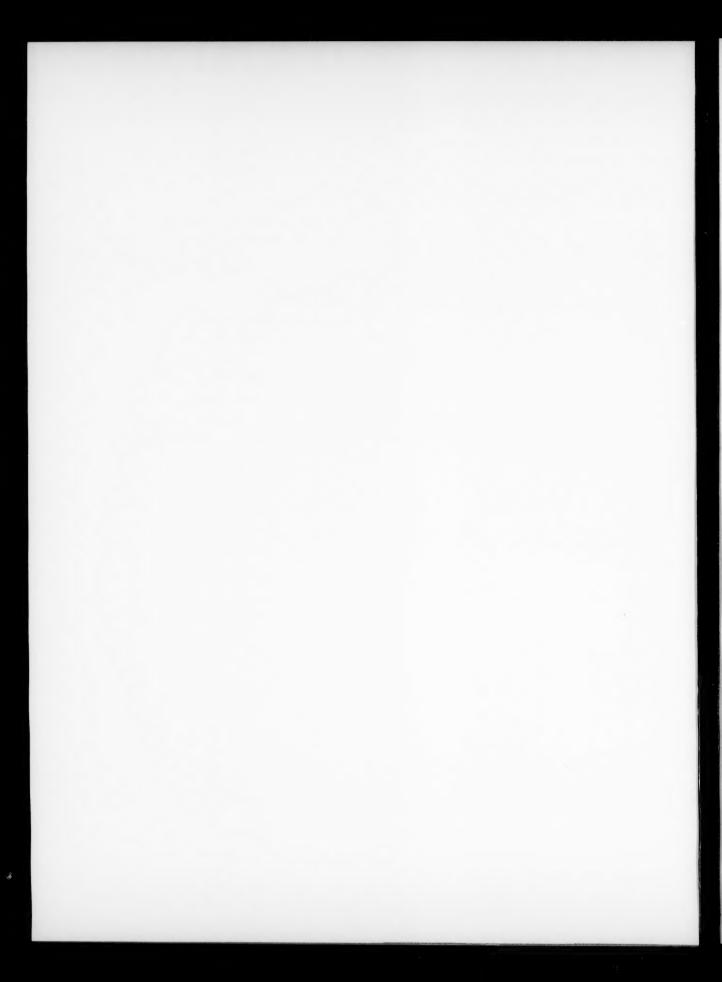
## TABLE OF CONTENTS FOR VOLUME 44

Albumin Dialysis: A New Therapeutic Alternative for Severe Diltiazem Intoxication Nicolas Pichon, Bruno François, Marc Clavel, Philippe Vignon, Caroline Chevreuil, and Jean Michel Gaulier	195	Reimbursement Profile of a Private Toxicology Practice Jerrold B. Leikin, Stephen Vogel, Daniel Samo, Pamela Stevens, and Frank G. Walter	261
A Case of Horner's Syndrome and Delayed	197	Ackee Fruit Poisoning: An Outbreak Investigation in Haiti 2000–2001, and Review of the Literature Renée Joskow, Martin Belson, Hubert Vesper, Lorraine Backer, and Carol Rubin	267
BOOK REVIEW		A Preliminary Study of Tricyclic Antidepressant (TCA) Ovine FAB for TCA Toxicity	275
<b>Developmental Immunotoxicology</b> Bob Luebke	201	Kennon Heard, Richard C. Dart, Gregory Bogdan, Gerald F. O'Malley, Keith K. Burkhart, J. Ward Donovan, and Suzanne B. Ward	
Erratum	203	and submine by ward	
VOLUME 44, NUMBER 3, 2006  PRACTICE GUIDELINE  Diphenhydramine and Dimenhydrinate Poisoning:		Choice of Poison for Intentional Self-Poisoning in Rural Sri Lanka Michael Eddleston, Ayanthi Karunaratne, Manjula Weerakoon, Subashini Kumarasinghe, Manjula Rajapakshe, M.H. Rezvi Sheriff, Nick A. Buckley, and David Gunnell	283
an Evidence-Based Consensus Guideline for		Mek M. Buckley, and Buvid Guiner	
Out-of-Hospital Management Elizabeth J. Scharman, Andrew R. Erdman, Paul M. Wax, Peter A. Chyka, E. Martin Caravati, Lewis S. Nelson, Anthony S. Manoguerra, Gwenn Christianson, Kent R. Olson, Alan D. Woolf, Daniel C. Keyes, Lisa L. Booze, and William G. Troutman	205	Effects of Topical Heparin, Antivenom, Tetracycline and Dexamethasone Treatment in Corneal Injury Resulting from the Venom of the Black Spitting Cobra (Naja sumatrana), in a Rabbit Model Gregory Cham, James Chuan-Hsin Pan, Francis Lim, Arul Earnest, and P. Gopalakrishnakone	287
ARTICLES		Factors Associated with Pulmonary Edama in	
Analysis of 8000 Hospital Admissions for Acute Poisoning in a Rural Area of Sri Lanka Wim van der Hoek and Flemming Konradsen	225	Factors Associated with Pulmonary Edema in Severe Scorpion Sting Patients – A Multivariate Analysis of 428 Cases Mounir Bouaziz, Mabrouk Bahloul, Leila Hergafi, Hatem Kallel, Leila Chaari, Chokri Ben Hamida,	293
Differences and Similarities in Poisoning		Adel Chaari, Hedi Chelly, and Noureddine Rekik	
Admissions Between Urban and Rural Health Centers in Zimbabwe D. Tagwireyi, D.E. Ball, and C.F.B. Nhachi	233	Civilian Adult Self Injections of Atropine – Trimedoxime (TMB4) Auto-Injectors Yedidia Bentur, Ido Layish, Amir Krivoy,	301
Children and Adolescent Exposures to Atomoxetine Hydrochloride Reported to a Poison Control Center Sasko D. Stojanovski, Renee F. Robinson, S. David Baker. Marcel J. Casavant, John R. Hayes, and Milap C. Nahata	243	Matitiahu Berkovitch, Eran Rotman, Shmuel Bar Haim, Yoav Yehezkelli, and Eran Kozer	
		CASE REPORTS	
Effects of Subacute Boric Acid Administration on Rat Kidney Tissue Bizden Tavil Sabuncuoglu, Pelin Aribal Kocaturk, Onder Yaman, Guzin Ozelci Kavas, and Meral Tekelioglu	249	Aluminum Toxicity Following IV Use of Oral Methadone Solution Marjorie S. Friesen, Roy A. Purssell, and Robert D. Gair	307
Cause and Motivation in Cases of Non-Fatal Drug Overdoses in Opiate Addicts R. Pfab, F. Eyer, E. Jetzinger, and Thomas Zilker	255	The Role of Calcium Oxalate Crystal Deposition in Cerebral Vessels During Ethylene Glycol Poisoning K. Froberg, R.P. Dorion, and K.E. McMartin	315

Altered Mental Status from Olanzapine Overdose Treated with Physostigmine M. Weizberg, M. Su, J.L. Mazzola, S.B. Bird,	319	VOLUME 44, NUMBER 4, 2006  PRACTICE GUIDELINE	
D.E. Brush, and E.W. Boyer  Pontine Myelinolysis in a Child with Carbamate Poisoning Raffaele Santinelli, Carlo Tolone, Angelo D'Avanzo, Emanuele Miraglia del Giudice, Laura Perrone, and Michele D'Avanzo	327	Camphor Poisoning: An Evidence-Based Practice Guideline for Out-of-Hospital Management Anthony S. Manoguerra, Andrew R. Erdman, Paul M. Wax, Lewis S. Nelson, E. Martin Caravati, Daniel J. Cobaugh, Peter A. Chyka, Kent R. Olson, Lisa L. Booze, Alan D. Woolf, Daniel C. Keyes, Gwenn Christianson, Elizabeth J. Scharman, and William G. Troutman	357
Can Early Hemodialysis Affect the Outcome of the Ingestion of Glyphosate Herbicide? Jeong Mi Moon, Young Il Min, and Byeong Jo Chun	329	ARTICLES	
Poisoning From Aspiration of Elemental Mercury Teresa Lech and Halina Goszcz	333	Aristolochic Acids Detected in Some Raw Chinese Medicinal Herbs and Manufactured Herbal Products – A Consequence of Inappropriate Nomenclature and Imprecise Labelling?	371
A Case of Jatropha multifida Poisoning Resembling Organophosphate Intoxication Dror Koltin, Yosef Uziel, Dina Schneidermann, Shula Kotzki, Baruch Wolach, and Pinchas Fainmesser	337	Thomas P. Cheung, Charlie Xue, Kelvin Leung, Kelvin Chan, and Chun G. Li	3/1
Acute Paralysis Following Recreational MDMA (Ecstasy) Use Lee H. Goldstein, Yair Mordish, Ibrahim Abu-Kishak, Michal Toledano, and Matitiahu Berkovitch	339	"Parachuting" Meth: A Novel Delivery Method for Methamphetamine and Delayed-Onset Toxicity From "Body Stuffing" Robert G. Hendrickson, B. Zane Horowitz, Robert L. Norton, and Hans Notenboom	379
IMAGES IN CLINICAL TOXICOLOGY		CASE REPORTS	
Ingestion of Slow-Release Iron Treated with Gastric Lavage – Never Say Late Lee H. Goldstein and Matitiahu Berkovitch	343	Ceftazidime Overdose-Related Nonconvulsive Status Epilepticus After Intraperitoneal Instillation	383
COMMENTARY Comparison Between Eight Poisons Information Centers in Europe Erik Andrew	345	Suda Vannaprasaht, Arporn Tawalee, Nutdhakarn Mayurasakorn, Chattanong Yodwut, Ratiporn Bansong, Sirirat Reungjui, and Somsak Tiamkao	30.
LETTER TO THE EDITORS  Comment on "Pediatric Fatality Following Ingestion of Dinitrophenol: Postmortem Identification		Acute Hepatic Injury and Renal Failure After Ingestion of Snake Gallbladder Ta-Chung Chao, Ming-Ling Wu, Wei-Jen Tsai, Jiin Ger, and Jou-Fang Deng	38
of a 'Dietary Supplement'" Kim Barker, Donna Seger, and Suparna Kumar Copperhead Snakebite Treated with Crotalidae Polyvalent Immune Fab (Ovine) Antivenom in Third Trimester Pregnancy	351	Intoxication following Minor Stabs from the Spines of a Porcupine Fish Teetske F. van Gorcum, Max Janse, Marianne E.C. Leenders, Irma de Vries, and Jan Meulenbelt	39
Joel Kravitz and Charles J. Gerardo	353	Neither DMPS nor DMSA is Effective in Quantitative Elimination of Elemental	
BOOK REVIEW		Mercury After Intentional IV Injection	39
Medical Toxicology Jeffrey Brent	355	Florian Eyer, Norbert Felgenhauer, Rudolf Pfab, Gustav Drasch, and Thomas Zilker	

## TABLE OF CONTENTS FOR VOLUME 44

IMAGES IN CLINICAL TOXICOLOGY Clinical Images in Medical Toxicology: Heroin Overdose with Non-Cardiogenic Pulmonary Edema Howard K. Mell and Matthew D. Sztajnkrycer	399	Safety Evaluation and Adverse Events Monitoring by Poison Control Centers: A Framework for Herbs & Dietary Supplements Alan D. Woolf	617
EUROPEAN ASSOCIATION OF POISONS CENTRES AND CLINICAL TOXICOLOGISTS INTERNATIONAL CONGRESS XXVI Abstracts	401	2006 NORTH AMERICAN CONGRESS OF CLINICAL TOXICOLOGY ANNUAL MEETING Abstracts of the 2006 North American Congress of Clinical Toxicology Annual Meeting Author Index to Abstracts	625 785
EAPCCT Scientific and Meetings Committee  Author Index to Abstracts  Subject Index to Abstracts	587 589 597	Subject Index to Abstracts	795
VOLUME 44, NUMBER 5, 2006  EDITORIAL  Toxicity and Drug Interactions of Herbs and Dietary Supplements Elaine Kang-Yum, Thomas L. Kurt, and Susan Smolinske	603	VOLUME 44, NUMBER 6, 2006  AAPCC ANNUAL DATA REPORT  2005 Annual Report of the American Association of Poison Control Centers' National Poisoning and Exposure Database  Melisa W. Lai, Wendy Klein-Schwartz, George C. Rodgers, Joseph Y. Abrams, Deborah A. Haber, Alvin C. Bronstein, and Kathleen M. Wruk	803
REVIEWS  Clinical Approach to Adverse Events and Interactions Related to Herbal and Dietary Supplements Christine A. Haller  Safety of Ethnic & Imported Herbal and Dietary	605	Acknowledgments  Following Page 933:   Title Page for Volume 44   Table of Contents for Volume 44	933
Supplements Richard Ko	611	Author Index for Volume 44 Subject Index for Volume 44	



## **Author Index for Volume 44**

## A

Abbaslou, Parvin, 85 Abrams, Joseph Y., 803 Abu-Kishk, Ibrahim, 339 Akdur, Okhan, 19 Al-Mahmud, Ifthekar, 135 Allen, K.R., 147 Andrew, E., 127 Andrew, Erik, 345 Anjumanara, 135 Anowska-Kierepka, Ewa Krzy, 169 Aribal Kocaturk, Pelin, 249 Avsarogullari, Levent, 19

## В

Backer, Lorraine, 267 Bahloul, Mabrouk, 293 Baker, David, 109 Baker, S. David, 165, 243 Balci, Canan, 121 Baldassano, Accursia, 39 Ball, D.E., 103, 233 Ball, Douglas, 59 Bansong, Ratiporn, 383 Bar Haim, Shmuel, 301 Baranska, Malgorzata, 53 Barker, Kim, 351 Belson, Martin, 267 Ben Hamida, Chokri, 293 Bentur, Yedidia, 301 Berkovitch, Matitiahu, 301, 339, 343 Bhalla, Ashish, 155 Bizovi, K.E., 81 Bjornaas, M.A., 127 Bogdan, Gregory, 275 Booze, Lisa L., 1, 205, 357 Borron, Stephen W., 5 Bose, S., 165 Bouaziz, Mounir, 293 Braendle, Marian, 29 Brent, Jeffrey, 95, 355 Bronstein, Alvin C., 803

Brooks, Daniel, 181

Buckley, Nick A., 283 Burkhart, Keith, 275

#### C

Caravati, Martin, 1, 205, 357 Casavant, Marcel J., 109, 243 Chaari, Adel, 293 Chaari, Leila, 293 Cham, Gregory, 287 Chan, Kelvin, 371 Chao, Ta-Chung, 387 Chelly, Hedi, 293 Chen, Chun-Yu, 173 Cheung, Thomas P., 371 Chevreuil, Caroline, 195 Christianson, Gwenn, 1, 205, 357 Chuan-Hsin Pan, James, 287 Chung, Hsiao-Min, 99 Chyka, Peter, 1, 205, 357 Clavell, M., 195 Cobaugh, Daniel J., 357

#### D

D'Avanzo, Angelo, 327 D'Avanzo, Michele, 327 Dargan, Paul, 77 Dart, Richard, 1, 275 Das, Jaya Chander, 159 Deng, Jou-Fang, 71, 387 Descotes, Jacques, 189 Dorion, R.P., 315 Drasch, Gustav, 395

### E

EAPCCT, 401, 587, 589, 597 Earnest, Arul, 287 Eddleston, Michael, 283 Ehring, Thomas, 29 Ekeberg, O., 127

#### **AUTHOR INDEX FOR VOLUME 44**

Engebretsen, Kristin, 45 Erdman, Andrew R., 1, 205, 357 Eyer, Florian, 255, 395

F

Fainmesser, Pinchas, 337 Felgenhauer, Norbert, 395 Florek, Ewa, 169 Fortin, Jean-Luc, 37 Francois, Bruno, 195 Friesen, Marjorie, 307 Froberg, K., 315 Fulton, Jessica A, 177 Hovda, K.E., 127 Hsu, Chien-Wei, 99 Huang, Chun-I, 71 Huang, Hsien-Hao, 71 Huang, Neng-Chyan, 99 Hung, Shin-Yuan, 99 Hung, Yao-Min, 99

Horowitz, B. Zane, 379

I

J

Ikizceli, Ibrahim, 19 II Min, Young, 329 Islam, Nazrul, 135

G

Gair, Robert, 307 Gaulier, Jean Michel, 195 Ger, Jiin, 387 Ger, Luo-Ping, 99 Gerardo, Charles, 353 Gerth, Klaus, 29 Gil, Hyo Wook, 197 Gill, Kirandip, 155 Ginsburg, Beth Y., 193 Giocanti, Jean-Pascal, 37 Goldstein, Lee, 339, 343 Golor, Georg, 17 Gopalakrishnakone, P., 287 Goszcz, Halina, 333 Grazer, R.E., 81 Greene, Shaun, 77 Gunnell, David, 283 Gurses, Ercan, 121

Jacobsen, D., 127 Janse, Max, 391 Jetzinger, E., 255 Jo Chun, Byeong, 329 Jones, Alison, 77 Joskow, Renee, 267 Jovanovic-Cupic, Vesna, 143 Jung, Doo Sin, 197

K

Kahn, Jason, 177 Kallel, Hatem, 293 Kang-Yum, Elaine, 603 Karlson-Stiber, C., 25 Karunaratne, Ayanthi, 283 Kaur, Amarpreet, 155 Keyes, Daniel, 1, 205, 357 Khandkar, Salamat, 135 Klein-Schwartz, Wendy, 803 Kleven, Tanya, 45 Ko, Richard, 611 Kobow, Manfred, 115 Kolacinski, Zbigniew, 53 Koltin, Dror, 337 Konradsen, Flemming, 225 Kooman, J.P., 93 Kotzki, Shula, 337 Kovar, Andreas, 17 Kowalski, Jean-Jacques, 37 Kozer, Eran, 301 Kravitz, Joel, 353

H

Haber, Deborah A., 803 Habibe, Michael, 39 Haller, Christine A, 605 Harris, Carson, 45 Hayes, John, 243 Heard, Kennon, 275 Hendrickson, Robert G, 379 Hennighausen, Gerhard, 115 Hergafi, Leila, 293 Hoffman, Robert, 177 Holger, Joel, 45 Hong, Sae Yong, 197

#### **AUTHOR INDEX FOR VOLUME 44**

Krenzelok, Edward P., 191 Krivoy, Amir, 301 Kumar, Suparna, 351 Kumarasinghe, Subashini, 283 Kur, Barbara, 53 Kurt, Thomas L., 603 Nelson, Lewis S., 177, 193, 205, 357 Nelson, Lewis, 625, 785, 795 Nesic, Nada, 143 Nhachi, C.F.B., 233 Nhachi, Charles, 59, 103 Nolting, Arno, 17 Norton, Robert, 379 Notenboom, Hans, 379

L

Lai, Melissa, 803 Lawrence, Ruth A., 67 Layish, Ido, 301 Le Meur, Brigitte, 189 Lech, Teresa, 333 Lee, Chen-Hsen, 71 Lee, Eun Young, 197 Leenders, Marianne E.C., 391 Leikin, Jerrold, 261 Leung, Kelvin, 371 Levsky, M.E., 165 Li, Chun G., 371 Lin, Chih-Chuan, 173 Lin, George, 67 Lin, Shoa-Lin, 99 Luebke, Bob, 201 Lutz, Waldemar, 53

O'Connor, Niall, 77 O'Malley, Gerald, 275 Obetz, Christopher, 45 Olson, Kent, 1, 205, 357 Ozelci Kavas, Guzin, 249

P

0

Perrone, Laura, 327
Persson, H., 25
Pfab, Rudolf, 255, 395
Pichon, Nicolas, 195
Piekoszewski, Wojciech, 169
Pilacik, Bozena, 53
Pizon, Anthony, 181
Polivka, Barbara, 109
Pommier, Philip, 185
Porter, Robert, 193
Prazanowski, Miroslaw, 53
Prinz, Soenke, 115
Purssell, Roy, 307

M

Maidul Islam, AZM, 135 Malis, Erika, 109 Manoguerra, Anthony S., 1, 205, 357 Martinovic, Zarko, 143 Masullo, L., 165 Matteucci, Michael, 39 Mayurasakorn, Nutdhakarn, 383 Mazzola, J.L., 319 McMartin, K.E., 315 Mell, Howard K., 399 Meulenbelt, Jan, 391 Mi Moon, Jeong, 329 Miller, M., 165 Misbahuddin, Mir, 135 Mordish, Yair, 339 Mularski, R.A., 81

R

Rajapakshe, Manjula, 283
Reid, Frances M., 5
Reisinger, Jan, 625, 785, 795
Rekik, Noureddine, 293
Reungjui, Sirirat, 383
Riffenburgh, Robert, 39
Robinson, Renee, 243
Robson, Kristi, 39
Rodgers, George C., 803
Rost, Karl Ludwig, 17
Rotman, Eran, 301
Rubin, Carol, 267
Rudberg, N., 127
Ruttimann, Michel, 37

N

NACCT, 625, 785, 795 Nahata, Milap, 243

X

 $\mathbf{Z}$ 

Saiers, Jane, 1, 5, 17, 29, 37
Salmonson, C., 25
Salzman, Matthew, 89
Samo, Daniel, 261
Santinelli, Raffaele, 327
Santoni, L., 81
Sauvageau, Anny, 91
Scharman, Elizabeth J., 1, 97, 205, 357
Schelling, Pierre, 29
Schneidermann, Dina, 337
Seger, Donna, 351
Sheriff, MH Rezvi, 283
Sim, Francis, 287
Singh, Kirti, 159
Singh, Mandeep Jot, 159
Singh, Surjit, 155
Smolinske, Susan, 603
Sozuer, Erdogan, 19
Stevens, Pamela, 261
Stojanovski, Sasko D., 243
Stolk, L., 93
Stonerook, Michael, 5
Strother, J.S., 81
Su, M., 319
Sudakin, Daniel, 31
Sungur, Murat, 19
Sungurtekin, Hulya, 121
Sztajnkrycer, Matthew D., 399

vaimaprasant, Sada, 505	
Verhoeven, M.A.M., 93	
Verma, Suresh, 155	
Vesper, Hubert, 267	
Vignon, Philippe, 195	
Vogel, Stephen, 261	
	W
Walter, Frank, 261	
Wang, Feng-Lin, 173	
Wann, Shue-Ren, 99	
Ward, Suzanne, 275	
Ward Donovan, J., 275	
Wax, Paul, 1, 205, 357	
Weerakoon, Manjula, 283	
Weizberg, M., 319	
Wilimowska, Jolanta, 169	
, , , , , , , , , , , , , , , , , , , ,	

Vannaprasaht, Suda, 383

Xue, Charlie, 371

Wolach, Baruch, 337 Woolf, Alan, 1, 357, 617 Wruk, Kathleen M., 803 Wu, Ming-Ling, 71, 387 Wyncoll, Duncan, 77

T

TSI International, 47 Tagwireyi, Dexter, 59, 103, 233 Talieh, Zaman, 85 Tanen, David, 39 Tavil Sabuncuoglu, Bizden, 249 Tawalee, Arporn, 383 Tekelioglu, Meral, 249 Testud, François, 189 Tiamkao, Somsak, 383 Tiefenbach, Birgit, 115 Toledano, Michal, 339 Tolone, Carlo, 327 Troutman, William G., 1, 205, 357 Tsai, Wei-Jen, 387 Uhl, Wolfgang, 17

Yama, Onder, 249 Yang, Jong Oh, 197 Yeh, Jeng-Hsien, 99 Yehezkelli, Yoav, 301 Yen, David Hung-Tsang, 71 Yodwut, Chattanong, 383 Yucel, Murat, 19

Zilker, Thomas, 255, 395 de Haro, Luc, 185 de Vries, Irma, 391 del Giudice, Emanuele Miraglia, 327 van Gorcum, Teetske F., 391 van Mook, W.N.K.A., 93 van de Plas, A., 93 van der Hoek, Wim, 255

U

Uziel, Yosef, 337

## **Subject Index for Volume 44**

A

Abuse, 143

Accidental overdose, 255

Acetaminophen/poisoning, 1

Ackee fruit, 267

Acrodynia, 85

Activated protein C resistance, 53

Acute cholinergic syndrome, 71

Acute hepatic injury, 387

Acute pesticide poisoning, 59

Acute physiology and chronic health evaluation, 100

Acute poisoning, 225

Acute renal failure, 387

Admissions, 103

Adolescent, 339

Adult, 19, 301

Agitation, 293

Aluminum phosphide poisoning, 155

Aluminum poisoning, 307

American Association of Poison control Centers, 803

Amitraz, 19

Analysis, 31, 127

Annual data report, 803

Antibody fragments, 275

Antidepressant, 165

Antiepileptic drug, 67

Antivenoms, 25

APACHE II, 121

APACHE III, 121

Aristolochic acid, 371

Armaly screening, 159

Asia-Pacific region, 283

Atomexatine hydrochloride, 243

Atropine, 301

Atypical antipsychotics, 319

Auto-injector, 301

B

β-blockers, 45

Biomarker, 31

Biomonitoring, 31

Blood, 333

Body stuffing, 379

Body packing, 379

Boric acid, 249

Boron, 249

Brain MRI, 85

C

Calcium channels, 67

Camphor/poisoning, 358

Carbamate, 327

Cardiovascular and central nervous system toxicity, 77

Cardiovascular poisoning, 275

Ceftazidime, 383

Chelation therapy, 395

Chemistry, 31

Children, 327

Chinese herbs, 371

Chiral liquid chromatography, 169

Cholinergic tropane, 71

Chromatography, 147

Chronic arsenic poisoning, 135

Citalopram, 165

Cobra, 287

Critical care, 81

Curcin, 337

Cytochrome-C oxidase, 155

D

Deferoxamine, 307

Delayed toxicity, 379

Deliberate overdose, 255

Diagnosis, 127

Dietary supplement, 81

Dimenhydreniate/poisoning, 206

Diodon hystrix, 391

Diphenylhydramine/poisoning, 206

Disseminated intravascular coagulation, 53

DMSA, 395

**DMPS**, 395

Dreamfish, 185

Drug abuse, 127

#### SUBJECT INDEX FOR VOLUME 44

E Intravenous administration, 395 Internet, 81 Ecstasy, 339, 379 Intoxication, 143, 391 Iron absorption, 39 Electroencephalogram, 143 Iron overdose, 39 Elemental mercury, 333 Epidemic dropsy, 159 Epidemiology, 25 Erycibe henryi Prain, 71 J Ethylene glycol, 181 European adder, 25 Jatropha multifida, 337 European viper, 25 Evaluation, 109 Exposure, 103 K Kerosene, 103, F Kidney, 249 FAB, 275 Fatality abstracts, 803 L Fomepizole, 181 Fugu, 391 Leiden mutation, 53 G M Generalized tonic-clonic seizures, 143 Mass spectrometry, 147 Glucagon, 45 Mercury concentration, 333 Glyphosate, 329 Mercury poisoning, 85, 395 Metabolsim, 267 Methadone, 307 H Methadone maintenance, 255 Methamphetamine, 379 Hair, 333 Methylenedioxymethamphetamine, 339 Hallucinatory fish poisoning, 185 Miosis, 337 Hemodialysis, 181, 329 Modified-release amitriptyline poisoning, 77 Heparin, 287 Herbal medicine toxicity, 371 Herbicide, 329 N Human, 31 Hyper sweating, 293 Naja sumatrana, 287 Hyperglycemia, 293 Nerve agent poisoning, 301 Hyperleukocytosis, 293 Niacin, 81 Hypersmolality, 181 Nicotinic Acid, 81 Hyperthermia, 379 Nonconvulsive status epilepticus, 383 Hypoglycin, 267 Non-fatal opiate overdose, 255 Hypotension, 81

Ichthyoallyeinotoxism, 185 Ichthyosarcotoxism, 185 Infant, 165 Intraperitoneal instillation, 383 I

Occupational poisoning, 189 Octogen, 189 Ocular opacity, 287 Ocular toxicity, 159 0

#### SUBJECT INDEX FOR VOLUME 44

Olanzapine, 319
Opiate addicts, 255
Oral calcium disodium EDTA, 39
Organization, 345
Organophosphate poisoning, 121
Overdose, 45, 81
Overdose exposures, 243
Over-the-counter, 81

Renal elimination, 395 Renal failure, 339 Renal infarction, 177 Respiratory insufficiency, 339 Review, 803 Rizatriptan, 177 Roundup®, 329 Rural, 233

P

Parachuting, 379
Paraffin, 103
Paraquat, 100
Pediatrics, 243
Pesticides, 225, 283
Pharmacokinetics, 169
Phosphine, 155
Physostigmine, 319
Plant poisoning, 337
Plasma protein concentration, 293
Platelets, 155

Poison control center, 803 Poison control centers/standards, 1, 206, 358 Poison help, 803 Poison information centers, 345 Poison information work, 345 Poison prevention, 109 Poisoning, 19, 45, 81, 100, 127, 181, 267, 327, 333, 345, 803

Poisoning admissions, 233 Pontine myelinolysis, 327 Porcupine fish, 391 Practice guidelines, 1, 206, 358 Puffer, 391 Pulmonary aspiration, 333 Pulmonary edema, 293 Pyrethroid, 31

Q

Quadriplegia, 339 Quality, 345

R

Rat, 249 Regulations, 225 Reimbursement, 261 **SAPS II, 121** Schizophrenia, 81 Scorpion envenomation, 293 Seizure, 165, 189 Self-poisoning, 283 Snake bites, 25 Snake gallbladder, 387 Spinal cord, 339 Spirulina, 135 Sri Lanka, 225, 283 Standard, 345 Strattera®, 243 Suicidal attempt, 255 Surfactant, 329 Surveillance, 803 Sustained release, 379

Т

S

TESS, 803 Tetradontiformes, 391 Tetrodotoxication, 391 Tetrodotoxin, 391 (3,4-methoxy-methylenedioxymethamphetamine), 379 Ting Kung Teng, 71 TMB4, 301 Topiramate toxicity, 67 Toxic Exposure Surveillance System, 803 Toxicity, 165, 249, 267 Toxicoepidemiology, 59, 103, 233 Toxicokinetics, 31 Toxicology, 803, 31 Toxicology economics, 261 Traditional Chinese medicine, 371 Train the trainer, 109 Tramadol, 143, 147 Tricyclic antidepressants, 275 Tricyclic antidepressant poisoning, 77 Trimedoxime, 301 Ttx, 391

## SUBJECT INDEX FOR VOLUME 44

U Verapamil overdose, 169 Visual fields, 159 Urban, 233 Urine, 147, 333

Urine, 147, 333
Utensil, 307

Whole bowel irrigation, 379

v z

Vasopressin, 45 Vasospasm, 177 Venlafaxine, 147 Zinc, 135

